HOW THE ALPS WERE FORMED .- Professor Judd, of the Royal School of Mines, London, gave re cently an interesting explanation of the formation of the said show that four stages can be recognized in the hisness in the earth's crust nearly coincident with the line of the present mountains. This is evidenced by the fact that along this line of weakness there were volcanic putbursts, the results of which can still be traced. Secpression, and in this buge "trough " of miles in extent there were accumulated sands, limestones and clays by various forms of water agencies, and by animals living In the waters. Thirdly, there followed the consolidation of these soft and loose materials. There is evidence that thickness, and the mere weight of the superincumbent material on the lower strata would have a share in ffecting consolidation. But this was not all. Untion from fusion. There was, too, the crushing in from the sides of the trough. This was illustrated by a model of the late Sir H. de la Beche, where lateral pressure was employed on layers of different colored cloth, showing how crumpling resulted, with upditing of parts of the accumulated mass. Fourtply, there had been the how crumphing resulted, with upditting of parts of the accumulated mass. Fourtally, there had been the sculpinging of all this into its present form, which was the work of rains and frosts. Some of the existing peaks, even 3,000 feet high, were composed entirely of the disintegrated material resulting from the action of the water, either as fee in placers or as rain and streams. The amount of material removed in this way was so stupenhous it was almost stagering to try to grasp the facts. The sculpturing of the contours is still going on. This fourth stage was of quite recent date, speaking geologically; but the whole history involved a lapse of time which at the beginning of this century philosophers would not have been prepared to grant, even if this of have been prepared to grant, even if this quired knowledge of facts had been presented to

ming up his numerous experiments in preserving animal substances, Dr. Richardson gives the following results as to the value of various gases and vapors. He says: "The best agents of the class of gases and vapors ogen, and methylal. For the perfect process of preserva tion, for a period of sixty days at least, all these may be accepted as preservatives which would bear any reasonstrain of heat and motion during transit from one accidental changes which now and then occur, and which yet remain unexplained. The four preservatives ned preserve the structure of the animal substance only from decomposition; they do not preserve the color. The color can be preserved by carbonic oxide or by a medium containing carbonic oxide, such as coke vapor or coal gas, or by oxygen in the free state. Coke vapor is, on the whole, the most ready menstruum for use everywhere, and, I may add, that it is quite unobodor. None of these are absolutely perfect. Ammonia odor. None of these are absolutely period. Ammonia fails because it is retained in the substance of the flosh, as remote from one another as the poles, were in reality fails because it is retained in the substance of the flosh, as remote from one another as the poles, were in reality almong at a common object. They both looked for a siming at a common object. and gives an unpleasant taste. Sulphurous acid fails because it does not preserve for a sufficient time after the specimen is removed into the open air, and because it imparts a slight acidity, destroys the natural odor of freshly cooked meat, and conveys to a perceptible degree, the idea of a meat that has been saited. Cyanogen fails for, I may say, the almost exclusive reason that it is a dangerous agent; unless it be used with the most scrupulous care it cannot be used at all. Vapor of methylal fails in that it conveys a taste, and the idea of a preparation by saiting. The ammoniated and surphuretted parafilms tail because of the reteation of the taste and our of the parafile."

NEW Use of Electricity.-The French Minister of Public Works (according to the Moniteur Scientifique) has been experimenting on the River Lot, In Aveyron, with an electric apparatus designed to re produce automatically, from a higher to a lower point of the river, the variations of level, so as to give immediate warning of floods, and enable the inbabitants to make what preparation they can. The experiments were made between two points about a mile apart. At the higher, Laroque, is a float which follows the upward and down rard motion of the water (without being affected by the current). It communicates its movements through a battery and conducting wire to the needle of a graduated scale at Capdenac, the lower point, and the needle thus indicates all the fluctuations of level. At a certain point on the scale is the word danger, and when the needle reaches this, it sets in action a number of bells in the houses on the banks, connected by wire with the instrument. Thus the in connected by wire with the instrument. Thus the inhabitants are warned to make ready. This curious
apparatus is the invention of M. Gros, of Rodez, and it
has met with the high approval from the Ministry of
Public Works and the General Council of Aveyron.
The need of something of the kind has been strongly
felt, as floods in that region have proved very disastrous.

## RELIGIOUS INTELLIGENCE.

Among the oldest religious papers in this country is The Christian Intelligeneer, which has just begun its fifticth volume. The first editor was the Rev. Dr. Cornelius Westbrook, father of Judge West-brook, of the Supreme Court of this State.

There is noted a large falling off in the number of candidates for admission to theological seminaries connected with the Presbyterian Church. The Sec retary of the Board of Education finds that there is a marked uniformity in this respect among the institu-

It is reported in London Catholic circles that the returns of the voting for an Archeishop of Dubin, as a successor to the late Cardinal Callen, which were forwarded to Rome, have been lost on the way. Not having reached the Valican, anxious inquiries are made

Sixteen prominent business men of Bay City, Mich., have published a card announcing their in-tention to observe Sunday as a day of rest and cessation of their secular labors. The occasion for this singular action was an increasing and open defiance in that town of all customs, sacred and wordly, as regards the Sabbath Day.

Henry Varley's Tabernacle at Melbourne will, if completed in accordance with the plan, have a scating capacity of 5,000. Its central hall will be an amphi theatre in style, with a large coffee-house in front. The buildings around it will provide comforts for a working-man's club. It is proposed to expend £20,000.

The First Presbyterian Church of Springfield, Mass., is 242 years old, and has had only eight pastors during its entire existence, making an average for each pastor of over 30 years. Before the last pastor came the average had been 36 years, the longest pastorate being that of the Rev. Robert Breek, from 1736 to 1784, 48 years. The pulpit is now vacant.

A game of chess was played at Sewickley, Penn., lately-all the figures being represented by ladies and gentlemen, and the object was to raise funds to buy new carpet for the church. The squares were made of red and white cloth, and were two feet square. The figbres were dressed in appropriate costumes, and bore spears, shields, flags, etc. The game was played by two gentlemen, on a raised platform on opposite sides of the hall, each with a class-hoard before him. Other assist-ants called out the moves, and saw that they were cor-

Only three of the cardinals whom Gregory XVL created are now living, and one of these-Cardinal sequinie-is in danger of losing his life. While taking

down a book from a shelf of his library a short time ago he fell and broke his thigh-bone so that slight hopes have been entertained of his recovery. He holds the office of Secretary of Briefs, and is a venty-six years old. At the same time it is learned that Commendatore Storbini, one of Leo XIII.'s most devoted friends, is dying from apoplexy. On the accession of his friend to the papal throne he was made Scalco Segreto, or private meat-carver to His Holiness.

John Macdonald, the Catholic priest in the Province of Ontario, Canada, who is ninety-seven years of age and has been a little more than seventy years in the priesthood, is outdone by the Rev. Frederick Beadon, vicar of Stoneham, Hampshire, England, who took his degree at Trinity College, Oxford, in the year 1800. The year of his birth is given as 1777, twelve years before the outbreak of the French Revolution. Considerably more than seventy years ago, Mr. Beadon was prebend in Compton Bishop, Wells Cathedral, and in 1811 he was appointed resident canon. He was presented in the same year to the living of North Stoneham, where he has remained ever since.

Last year among the children born of Protestant parents in Berlin, one-fourth of the legitimate and nearly two-thirds of the illegitimate were not baptized, and only one-third of the marriages were solemnized by religious services. In the whole of Prussia the statistics are more encouraging for the Protestant Church. During the same year the proportion of baptisms to births was, of legitimate children, 93.37 per cent, and of illegitimate children 80.64 per cent. The proportion of religiously sanctioned marriages to evit marriages was with both parties—Protestant, 87.27 per cent, with mixed religious marriages 70.46 per cent.

Professor Adler's prophecy of the speedy death of Judaism caused a good deal of comment among the Hebrews of Cincinnati. Dr. Lilienthal, in conversation with a Commercial reporter, said that is the Professor had stated that old Judaism was on the point of death, he "would have stated the truth." "The old ceremonies, the old petrified notions, have given way, and a reform, a thorough reform, is the watchword of modern Judaism; and while it keeps pace with the progressive ideas of our age, it is not only entitled to life, but a brilliant, hopeful future is in store for it." Of Professor Adler himself, Dr. Libenthal said: "Adler is a scholar, a cood writer and a splendid orator. But he is yet young and lacking experience. He is an enthusiast, very visionary in his views, and would like to begin the history of the human race with his birthday."

Minor religious items: The once crowded church of Dr. Cumming, the London Millenarian, is now almost descried....In Virginia there are only three Congregational churches, and one of them belongs to colored people....The Episcopal Church in Utah has 239 inmunicants, thirty-nine Sunday-school teachers, and 460 scholars; church property is valued at \$124,600. In Scotland during six years the Established Church Extension Committee have aided in the erection of eighty-nine churches, the total cost of which was \$1,000,-000 ... There is announced in London a religious organization with the title of " The Hallelujah, or Salvation Army;" it is composed of lay preachers ... Nearly \$20,000 has been subscribed for a new cathedral church in Omaha, but the building will not be begun until sufficient funds are at hand; no debt will be incurred. Four colored suddents have entered the Episcopal Divinity School at West Philadelphia, all of whom expect to engage in missionary work in Africa.

#### LITERARY NOTES.

When Mr. Gladstone's "Kin Beyond Sea" reached England, The Times (London) accused him of flattering the American people by writing the word "President" with a large "P," and the word "Queen" with a small "q." The article having been printed during the absence of Mr. A. Thorndike Rice, the Editor of The North American Review, in which periodical the article appeared, Mr. Rice has written to The Times that a careless proof-reader is entirely responsible for this piece of purely typographical impropriety." Mr. Gladstone, he save, "had nothing whatever to do with it."
Mr. Rice begs to assare The Times, if it "will pardon so
obvious a jest," that he has taken measures to insure
bereafter on the part of proof-readers "a more careful
attention to their p's and their q's."

A novelty in literature is the writing of a Military Academy, which is printed in this city by Homer, Lee & Co. This young colored man had a trying experience at West Point, as everyone knows, but he conducted bimself there with commendable taste, and he graduated a good way above the bottom of the list. The book relates a large number of the peculiar experiences which Fitpper had at the military school, not with any special manifestation of feeling, however. He deany special manifestation of feeling, however. He de-votes one chapter to the discussion of the question of "identical rights" and "equal rights," and while chaming that his race be accorded identical rights and privileges, he says that it will probably be a long time before they will get them. The book is illustrated by two steel engravings of the author in cadet and in other's dress, which represent him as a comely, well-formed and intelligent looking young col-ored man.

The second and final volume of Professor Stern's biography of John Milton has just been published in Leipsic. It will probably be translated into English, and The Academy remarks that it will then deserve "to occupy a permanent place in English literature." Professor Stern claims that the history of the seventeenth century will never be really understood till it is recognized that Milton and Land, to all appearance standing-ground from whence to combat the common place morarity and the commonplace intelligence of the day. It made all the difference that Land soug it for a fulerum from which to move the world in external authority, while Milton sought it in legalized liberty of speech. The one clung to a theory which had done its work, the other to a theory which had its work still to do. A new story is told. It was known before that while Milton was engaged as a censor of the Mercurner while Milton was engaged as a censor of the Mercurous Politicus newspaper, a proposal was made to print in England a Socinian catechism—a catechism which do nied the Trinity, the deity of Christ, the personality of the devil, the total deprayity of man, and the eternity of punishment. But Professor Stern relates that the printer, questioned by Parliament, urged that it had been licensed by Milton, and Milton wheel that it was ac. "No man," he said, "ought to forbid the printing of a book. In approving that book, he had only followed his opinion."

## BOOKS OF THE WEEK.

Widow Cherry; Or, The Mystery of Roaring Med. By B. L. Farjeon, Svo. pp. 50. Paper. (G. W. Carleton & Co.). (G. W. Carleton & Co.).

POET AND WORR ON THE NEFAUL FRONTIER. By
"Maori," "Franklin Square Library," Paper.
(Harper & Bros.). \$ 10

(Harper & Bros.)

Littell's Living Age. Fifth Series, vol. Xxiv. October-December, 1878. Svo, pp. 824. (Boston: Littell & Gay.).

History of the City of San Francisco. By John S. Hittell. Svo, pp. 498. (San Francisco: A. L. Youse, Expression.)

Fress)
As It Max Happen. A Story of American Life and Character. By Tiebor. 12mo, pp. 416. (Phila-delpina: Porter & Coates)... THE TOUR OF PRINCE ERLISS; HIS ROUNDS IN SOCI-

ETY, CHURCH AND STATE. 12mo, pp. 149. cago: The Central Publishidg Company). Do They Love Us Yer, By Mrs, Cornelius W. Law-rence, 12m, pp. 234. (James Miller)........ THE BEIDGE OF GETTYSHURG. An Episode of 1863.

By J. D. Hylton. Sve, pp. 172. (Palmyra,

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For Both Sexes-Country. COLLEGIATE INSTITUTE, Hackettstown, N.J., Best and largest building in the State. Instruction thorough, Both seases, Ten departments. Fifth year opens beprender 5, \$225 per year, Catalogues tree. Rev. GEO.

FAMILY BOARDING SCHOOL.—On farm 14 miles from New-York, Sia week; board, washing, tuition and the comforts of a country home; scholars receive a mother's care during the summer's vacation. For particulars apply to Mrs. H. C. MONELL, Manhasset, L. I. HILLSIDE SEMINARY (bridgeport, Conn.) ter young lattes and children, will reopen september 11, 1878; preparation for college a specially. ANNE J. STONE, MARIANA B. SLADE, CORNELIA KNOWLES FITCH.

MISS E. L. ROBERTS'S Day and Boarding

MISS S. B. MATHEWS' Boarding and Day School for Young Ladies and Children, Summit, New-Jersey, will open on Tuesday, October 1, 1878.

APLEWOOD INSTITUTE-For both sexes; 17. Concordville, Peun. 855 per quarter; students pre-pared for business, Vale or Harvard; first class professors. J. SHORTLIDGE A. M., Principal. ROCKLAND COLLEGE, Nyack, N. Y., opens it, Winter Session January 6. Both sexes. Popular prices. Send for catalogue. W. H. BANNISTER, A. M.

SWARTHMORE COLLEGE, ten miles from Philadelphia, under the care of Friends, gives a thorough collegiate education to both sexes, who here pursue the same courses of study, and receive the same degree.

For catalogue, giving full particulars as to courses of study, terms, &c., address EDWARD II. MAOILL, President, swarthmore College, Swarthmore, Delaware County, Per.

## Law Schools.

YALE Law School.—Regular course, 2 years; Grammate course (for degree of D.C.L.), 2 years, Fallterm, ens Sept. 26. Address, Prof. WAYLAND, New-Haven, CL

## Dancing Academics

A LLEN DODWORTH'S SCHOOL FOR DANCING AND DEPORTMENT,

No. 681 5TH AVE., FOR TERMS, &c., SEND FOR CIRCULAR. NOTICE.—An extra class for children, beginners and others, wile commence on Monday, January 6, to meet on Mondays and Thursdays, from 3½ to 5½ p. m.

## Ceacners.

A GENCY for SCHOOLS and TEACHERS.
30 UNION SQUARE, NEW YORK,
Supplies GOOD teachers with positions. Application form
for stainp. Supplies schools and families with competent instructors WITHOUT CHARGE.

T. COTLESWORTH PINCKNEY, 30 Union-square, N. Y.

A MERICAN and FOREIGN TEACHERS' AGENCY No. 23 Union-square recommends PHOFES-SCIS, PRINCIPALS, ASSISTANTS, TUTORS and GOV-ERNESSES from the leading American and European col-leges, universities and conservatories, positions promptly files in any department of instruction. Apply to Miss M. J. YOUNG, No. 23 Union-square, Broadway side. ELOCUTION.-Miss M.E.Powers, 41 W. 22dteacher of natural reading, recitation and oratory. Spe-ntion gives to voice training and distinct enunciation. EXPERIENCED TEACHERS constantly wasted, particularly English and Singing, City Institution, English and Elecution; interview immediately; Art and Singing; several for French, German, Music Scho-is and families; Assistant Professor of Music, Michigan; German Funfossor of Music, Keniucky; gentleman for country district school; several schools for safe and rent; city, vicinity and class waster. Appacation form majded for samp.

J. W. SCHERMERHORN, Secretary, 30 East 14th-st.

TEACHERS supplied to schools and families without charge. Moss FLORENCE FITCH, EDUCA-TIONAL BUREAU, 35 Union-square. TEACHERS of known calibre and character promptly provided for families, schools, colleges. SCHERMERHORN, 35 East 14th-st.

## Bankrupt Notices.

DISTRICT COURT of the UNITED STATES for the SOUTHERN DISTRICT OF NEW YORK.—In the toatter of MOSES MICHEL, JACOB MICHEL, and MICHAN MICHEL bankrupes.—IN BASKRITE OF SAID WARRAID IN BASKRITE AND COURT RESIDENCE TO MOSES MICHEL, JACOB MICHEL, JACOB MICHEL, and GESTAY MICHEL, of the City of New York, of the SOUTH OF NEW YORK, in said DESTRY MICHEL, of the City of New York, in said DESTRY MICHEL, of the City of New York, in said DESTRY MICHEL, and GESTAY MICHEL, and the petition of their creditors, and the payment of any debts and delivery of any property belonging to said bankrupts to them at its their use, and the transfer of any property by them, are forbidden by law. A mostling to twee bankrupts of said bankrupts, to prove their debts, and to choose one of more assurees of their estate, will be held at a Court of Endraphyley, to be hobten at No. 4 Warrenest, in the City of New York, in said District, on the 15th day of January, A. 9, 1479, at 10 o clock a m. at the office of Joan W. Little, esquire, one of the Registers in Bankruptcy of said Court.

[DUIS E PAYN, Marshal—Messenger.

THIS IS TO GIVE NOTICE: That on the 30th THIS IS TO GIVE NOTICE: That on the 30th Against the state of John H. Riddle and Chidren, No. 24 East 22d-st., will reopen on Thursday, September 26.

Art Schools—New-York City.

MRS. LOUISA B. CULVER

Will receive pupils in painting Candespe, flowers, still life, chima and decoration), at her studio, "The Belia," No. 48 East 20th-st., corner 4th ave.

References: Mr. D. Hantington, Mr. Wm. Hart, Mr. James M. Hart, Mr. A. F. Bellews.

THIS IS TO GIVE NOTICE: That on the 30th Average in Banarapter, and Average in Banarapter, and Average in Banarapter, and the transfer of any property belonging to such bankrupts to them or either of them are forbodden by law; that a meeting of the creditors of the said be arount, to prove their of the said be arount, to prove their state, and the transfer of any property by them or either of them, are forbodden by law; that a meeting of the creditors of the said be arount, to prove their state, will be held at Court of Bankrupty, to be holden at No. 345, and the transfer of any property by them or either of them, are forbodden by law; that a meeting of the creditors of the said be arount, to prove their delus and do choose one or more assigned of their estate, by them or either of them, are forbodden by law; that a meeting of the creditors of the said be arount, to prove their delus and to choose one or more assigned of their estate, by the more and a court of Bankrupty, to be holden at No. 345, and the transfer of any property by the more and the transfer of any property by the more and the transfer of any property by the more and the transfer of any property by the said by the said at a court of Bankrupty, to be holden at No. 345, and 300, 0.54, and 300,

# THE MONEY MARKET.

OFFICIAL REPORT N. V. STOCK EXCHANGE SALES
As reported by the Gold and Stock Telegraph Cv. FRIDAY, JAN. 3, 1879. GOVERNMENT STOCK DEPARTMENT. FIRST CALL-1014 O'CLOCK A. M.

US 6a Reg 1881 2 000 bc 1065 U 8 5.20 Comb 67 6.000 bc 1024 25.000 bc 1024 3.5000 Comb 600 135,000 6.000 bcc 102 4 35,000 25,000 bcc 102 4 5.000 US 4 reg 1907 15,000 bcs 3.102 4 5.000 US 4 reg 1907 ...bc.. 99% SECOND CALL-1114 O'CLOCK A. M. 85\* Coup 1881 U 84\* Coup 1907 35,000 107 12 000 THIRD CALL-112 O'CLOCK P. M. U S 5.20 Reg 1867 5.000 s3. 10224 U S 48 Reg 1997 10,000 99 4 U S 5.20 Compon '67 bc. 102'4 U S 5.3 Registered 1881 10,000 1005 1005'8

50,000 b3 105

FOURTH CALL—2<sup>1</sup>2 O CLOCK P. M.
U S 5-20 Coupon 67 50,000. bc.102<sup>1</sup>4 U S 10-40 Reg 50,000. 1085a U S 4<sup>-</sup>9 Reg d 18-21 106 U S 4<sup>-</sup>9 Reg d 18-21 20,000 bc.105<sup>1</sup>a Sales of State and Railway Bonds-Railroad, Bank and Express Stocks.

10 A. M .- SALES BEFORE THE CALL | Lake Shore | 2,100 | 6754 | Wata-h Railroad | 2,100 | 6754 | 100 | 2154 | 100 | 2154 | 100 | 2154 | 100 | 2154 | 100 | 2154 | 100 | 2554 | 100 | 25554 | 100 | 25554 | 100 | 25554 | 100 | 25554 | 100 | 25554 | 100 | 25554 | 100 | 25554 | 100 | 25554 | 100 | 25554 | 100 | 25554 | 100 | 25554 | 100 | 25554 | 100 | 25554 | 100 | 25554 | 100 | 25554 | 100 | 25554 | 100 | 25554 | 100 | 25554 | 100 | 25554 | 100 | 25554 | 100 | 25554 | 100 | 25554 | 100 | 25554 | 100 | 25554 | 100 | 25554 | 100 | 25554 | 100 | 25554 | 100 | 25554 | 100 | 25554 | 100 | 25554 | 100 | 25554 | 100 | 25554 | 100 | 25554 | 100 | 25554 | 100 | 25554 | 100 | 25554 | 100 | 25554 | 100 | 25554 | 100 | 25554 | 100 | 25554 | 100 | 25554 | 100 | 25554 | 100 | 25554 | 100 | 25554 | 100 | 25554 | 100 | 25554 | 100 | 25554 | 100 | 25554 | 100 | 25554 | 100 | 25554 | 100 | 25554 | 100 | 25554 | 100 | 25554 | 100 | 25554 | 100 | 25554 | 100 | 25554 | 100 | 25554 | 100 | 25554 | 100 | 25554 | 100 | 25554 | 100 | 25554 | 100 | 25554 | 100 | 25554 | 100 | 25554 | 100 | 25554 | 100 | 25554 | 100 | 25554 | 100 | 25554 | 100 | 25554 | 100 | 25554 | 100 | 25554 | 100 | 25554 | 100 | 25554 | 100 | 25554 | 100 | 25554 | 100 | 25554 | 100 | 25554 | 100 | 25554 | 100 | 25554 | 100 | 25554 | 100 | 25554 | 100 | 25554 | 100 | 25554 | 100 | 25554 | 100 | 25554 | 100 | 25554 | 100 | 25554 | 100 | 25554 | 100 | 25554 | 100 | 25554 | 100 | 25554 | 100 | 25554 | 100 | 25554 | 100 | 25554 | 100 | 25554 | 100 | 25554 | 100 | 25554 | 100 | 25554 | 100 | 25554 | 100 | 25554 | 100 | 25554 | 100 | 25554 | 100 | 25554 | 100 | 25554 | 100 | 25554 | 100 | 25554 | 100 | 25554 | 100 | 25554 | 100 | 25554 | 100 | 25554 | 100 | 25554 | 100 | 25554 | 100 | 25554 | 100 | 25554 | 100 | 25554 | 100 | 25554 | 100 | 25554 | 100 | 25554 | 100 | 25554 | 100 | 25554 | 100 | 25554 | 100 | 25554 | 100 | 25554 | 100 | 25554 | 100 | 25554 | 100 | 25554 | 100 | 25554 | 100 | 25554 | 100 | 25554 | 100 | 25554 | 100 | 25554 | 100 | 25554 | 100 | 25554 | 100 | 25554 | 100 | 25554 | 100 | 25554 | 1 Dist of Col 3-05a Registered 1,000 ...... 79 N Y E 1st St Paul Pref Illinois Central 100, 80 Northwestern ....83. 4976 Albany & Sus 77 ....c. 56% CBAQ Den & Rio Gra 1s 1,000 b3, 927, 5,000 b3, 927,

2,000, 43 1,500, b3, 44 ....b3. 415. Mich Central 744 Erie Rallway FIRST BOARD-11 O'CLOCK A. M. North Carolina 6s | Central Pac 1st | Northwestern | 10,000 | 10,000 | 932 | 400 | 10,000 | 10,000 | 10,000 | 10,000 | 10,000 | 10,000 | 10,000 | 10,000 | 10,000 | 10,000 | 10,000 | 10,000 | 10,000 | 10,000 | 10,000 | 10,000 | 10,000 | 10,000 | 10,000 | 10,000 | 10,000 | 10,000 | 10,000 | 10,000 | 10,000 | 10,000 | 10,000 | 10,000 | 10,000 | 10,000 | 10,000 | 10,000 | 10,000 | 10,000 | 10,000 | 10,000 | 10,000 | 10,000 | 10,000 | 10,000 | 10,000 | 10,000 | 10,000 | 10,000 | 10,000 | 10,000 | 10,000 | 10,000 | 10,000 | 10,000 | 10,000 | 10,000 | 10,000 | 10,000 | 10,000 | 10,000 | 10,000 | 10,000 | 10,000 | 10,000 | 10,000 | 10,000 | 10,000 | 10,000 | 10,000 | 10,000 | 10,000 | 10,000 | 10,000 | 10,000 | 10,000 | 10,000 | 10,000 | 10,000 | 10,000 | 10,000 | 10,000 | 10,000 | 10,000 | 10,000 | 10,000 | 10,000 | 10,000 | 10,000 | 10,000 | 10,000 | 10,000 | 10,000 | 10,000 | 10,000 | 10,000 | 10,000 | 10,000 | 10,000 | 10,000 | 10,000 | 10,000 | 10,000 | 10,000 | 10,000 | 10,000 | 10,000 | 10,000 | 10,000 | 10,000 | 10,000 | 10,000 | 10,000 | 10,000 | 10,000 | 10,000 | 10,000 | 10,000 | 10,000 | 10,000 | 10,000 | 10,000 | 10,000 | 10,000 | 10,000 | 10,000 | 10,000 | 10,000 | 10,000 | 10,000 | 10,000 | 10,000 | 10,000 | 10,000 | 10,000 | 10,000 | 10,000 | 10,000 | 10,000 | 10,000 | 10,000 | 10,000 | 10,000 | 10,000 | 10,000 | 10,000 | 10,000 | 10,000 | 10,000 | 10,000 | 10,000 | 10,000 | 10,000 | 10,000 | 10,000 | 10,000 | 10,000 | 10,000 | 10,000 | 10,000 | 10,000 | 10,000 | 10,000 | 10,000 | 10,000 | 10,000 | 10,000 | 10,000 | 10,000 | 10,000 | 10,000 | 10,000 | 10,000 | 10,000 | 10,000 | 10,000 | 10,000 | 10,000 | 10,000 | 10,000 | 10,000 | 10,000 | 10,000 | 10,000 | 10,000 | 10,000 | 10,000 | 10,000 | 10,000 | 10,000 | 10,000 | 10,000 | 10,000 | 10,000 | 10,000 | 10,000 | 10,000 | 10,000 | 10,000 | 10,000 | 10,000 | 10,000 | 10,000 | 10,000 | 10,000 | 10,000 | 10,000 | 10,000 | 10,000 | 10,000 | 10,000 | 10,000 | 10,000 | 10,000 | 10,000 | 10,000 | 10,000 | 10,000 | 10,000 | 10,000 | 10,000 | 10,000 | 10,000 | 1 10,000 12 N Car da new A&O 5,000 12 N J Cent Adjt Bds | 4,000 | 81 4 | CE | 1,000 | 169 | 1,000 | 169 | 1,000 | 169 | 1,000 | 169 | 1,000 | 169 | 1,000 | 169 | 1,000 | 169 | 1,000 | 1,003 | 1,000 | 1,000 | 1,000 | 1,000 | 1,000 | 1,000 | 1,000 | 1,000 | 1,000 | 1,000 | 1,000 | 1,000 | 1,000 | 1,000 | 1,000 | 1,000 | 1,000 | 1,000 | 1,000 | 1,000 | 1,000 | 1,000 | 1,000 | 1,000 | 1,000 | 1,000 | 1,000 | 1,000 | 1,000 | 1,000 | 1,000 | 1,000 | 1,000 | 1,000 | 1,000 | 1,000 | 1,000 | 1,000 | 1,000 | 1,000 | 1,000 | 1,000 | 1,000 | 1,000 | 1,000 | 1,000 | 1,000 | 1,000 | 1,000 | 1,000 | 1,000 | 1,000 | 1,000 | 1,000 | 1,000 | 1,000 | 1,000 | 1,000 | 1,000 | 1,000 | 1,000 | 1,000 | 1,000 | 1,000 | 1,000 | 1,000 | 1,000 | 1,000 | 1,000 | 1,000 | 1,000 | 1,000 | 1,000 | 1,000 | 1,000 | 1,000 | 1,000 | 1,000 | 1,000 | 1,000 | 1,000 | 1,000 | 1,000 | 1,000 | 1,000 | 1,000 | 1,000 | 1,000 | 1,000 | 1,000 | 1,000 | 1,000 | 1,000 | 1,000 | 1,000 | 1,000 | 1,000 | 1,000 | 1,000 | 1,000 | 1,000 | 1,000 | 1,000 | 1,000 | 1,000 | 1,000 | 1,000 | 1,000 | 1,000 | 1,000 | 1,000 | 1,000 | 1,000 | 1,000 | 1,000 | 1,000 | 1,000 | 1,000 | 1,000 | 1,000 | 1,000 | 1,000 | 1,000 | 1,000 | 1,000 | 1,000 | 1,000 | 1,000 | 1,000 | 1,000 | 1,000 | 1,000 | 1,000 | 1,000 | 1,000 | 1,000 | 1,000 | 1,000 | 1,000 | 1,000 | 1,000 | 1,000 | 1,000 | 1,000 | 1,000 | 1,000 | 1,000 | 1,000 | 1,000 | 1,000 | 1,000 | 1,000 | 1,000 | 1,000 | 1,000 | 1,000 | 1,000 | 1,000 | 1,000 | 1,000 | 1,000 | 1,000 | 1,000 | 1,000 | 1,000 | 1,000 | 1,000 | 1,000 | 1,000 | 1,000 | 1,000 | 1,000 | 1,000 | 1,000 | 1,000 | 1,000 | 1,000 | 1,000 | 1,000 | 1,000 | 1,000 | 1,000 | 1,000 | 1,000 | 1,000 | 1,000 | 1,000 | 1,000 | 1,000 | 1,000 | 1,000 | 1,000 | 1,000 | 1,000 | 1,000 | 1,000 | 1,000 | 1,000 | 1,000 | 1,000 | 1,000 | 1,000 | 1,000 | 1,000 | 1,000 | 1,000 | 1,000 | 1,000 | 1,000 | 1,000 | 1,000 | 1,000 | 1,000 | 1,000 | 1,000 | 1,000 | 1,000 | 1,000 | 1,000 | 1,000 | 1,000 | 1,000 | 1,000 | 1,000 | 1,000 | 1,000 | 1,000 | 1,000 | 1,000 | 1,000 | 1,000 | 1,000 | 1,000 | 1,000 | 1,000 | 1,000 | 1,000 | 1,000 | 1,000 100...bc. Mil & St P C & M | Gt West 1st 1888

Winona & St P 2d 3,000 94 3,000 C & 1 C 1st M 3,000 1,000 110 2 2,000 Fol & V C C C & I Con 2,000 ... bc. 65.4 B & N Y 1st 3,000 ... 102.2 Alb & Sus 2d 100 ... bc. 3 100 ... bc. 3 30... 3 Alb & Sus 2d 1,000. 100 Den & Rio Gr 1st 21,000. 93 5,000 beb3. 93 000 ... be 127 ne 2d Mortgage Erie ild M market generally.

Lake Shore Con Coup 1st Lake Shore c reg Panama ..b3.

1249 O'CLOCK -- SALES BRYORK THE CALL

SECOND BOARD-1 O'CLOCK P. M.

| Louistana 7 s Con | Loui

N J Cent Conv As W U Tel 80 4

SALES FROM 212 O'CLOCK TO CLOSE OF BUSINESS, 3 O'CLOCK P. M.—Continued. 7614 Morris & Essex 7614 300 761 7614 500 76 7619 200 76 76 Bur, Cedar R & 3 C C C & I St Paul 2,000

OFFICIAL REPORT N. Y. MINING STOCK EX-CHANGE SALES, JAN. 3, 1879. FIRST CALL-11 O'CLOCK A. M.

| Bertha & Edith | Con Virginia | Section | Con Virginia | Con Vir ....83, .08 Celifornia 85...bi. 11 100...560..345
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THIRD CALL-2:30 P. M. Gold Placer 18 15 ... 18 290 00 18 500 800 17 200 63 17 800 17 f.a Crosse 1,000...b5...29 1,000......29 500..b15...30 1,000...b10..39 25..... 11 Con Virginia 10....b30. 834 10....b3. 8% California 800 17 Bertha & Edith 500 - 3 08 600 bib60 10 100 bi0 09 1,000 - 53 09 Findley 500....b3..60

FRIDAY, Jan. 3-P. M. Like the preceding week, that ending to-day was a broken one, and only embraces five business days. But for holiday week it was an exceedingly active one at the Stock Exchange, in both the bond and stock markets. The total transactions 200. 757s 872,000 shares, against 610,000 shares, the 100 c. 767s total business of the previous week. At times 100 graphs against 610,000 shares, the 100 man Miss graphs against 610,000 shares, the 100 market appeared to be into the stock market appeared to the stock market appeared to the stock market ap the stock market appeared to be intensely excited, followed by lapses of extreme dulness. Nevertheless, the course of prices was stendily upward until Thursday. In almost every case the final sales show improvements ranging from 14 per cent for Hannibal and St. Joseph common to 5 per cent each for Eric preferred and Michigan Central, and the exceptional advance of 32 per cent for New-York Elevated stock, which has sold in a small way from 108 up to 140. But these final gams do not cover the extreme prices of the week, the market generally since yesterday now having had a downward tendency, and closing at a reaction of about 1 per cent from first figures.

The particularly active stocks were the two classes of Chicago and Northwest, the two Chicago, Milwaukee and St. Paul stocks, Lake Shore, Erie, Delaware, Lackawanna and Western, and Western Union. These stocks monopolized the trading of 703,000 shares ont of the total transactions, To this add the 24,000 shares of Michigan Central, which was bought and sold from 71% last Friday night up to 75@74% ex dividend of 2 per cent, and the business in the remainder of the list is sufficiently explained. During the early .....1113 | part of the week, the coal shares, although declining only a small fraction, did not participate in the buoyancy of the general market. It is only since the others have shown a disposition to "distribute" that Delaware, Lackawanna and Western, and Delaware and Hudson have come to the front as chiefs in the speculation. Of course, Morris and Essex and Central of New-Igrsey have followed suit, and these four stocks close nearer their best prices than does the

The express stocks are all lower than a week ago. Wells-Fargo at one time declined from 9858 to 95, but later recovered to 9714. The cause of the decline was the announcement that the company would increase its capital stock \$1,250,000. for purposes explained in the following extract from a circular which it has addressed to its stock-

"The object of increasing the capital stock of this company is to deliver such increase—to wit, \$1,250,000—to the Central Pacific Railroad Company and the Southern Pacific Railroad Company, in consideration of a contract agreed | Assented | 5,000 | ... bc | 50-9 | L8bore & MS R R | Can son 1st Gtd | 1,000 | 76-18 | 300 | .83 | 67-9 | 100 | ... bc | 100

73% 77 73 \$ 24,290 6.046 Maripusa preferred .... 
 Canton.
 14
 13%

 Pacific Mail
 14
 13%

 Consolidated Coal
 24%
 24%

 Ontario Mining Co.
 30%
 30

 Quicksilver
 12
 11%

 Quicksilver preferred.
 32
 52
 3,230

RANGE OF THE STOCK MARRIET. As reported by the Gold and Stock Telegraph Co.